

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.**

Application Serial Number: 10/079,130A  
Source: IFW/6  
Date Processed by STIC: 9/3/05

***ENTERED***



IFW16

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/079,130A

DATE: 09/13/2005

TIME: 07:54:45

Input Set : A:\21099.0074U2\_1.txt

Output Set: N:\CRF4\09132005\J079130A.raw

```

4 <110> APPLICANT: Meagher, Richard B.
5   Laterza, Vince
7 <120> TITLE OF INVENTION: RAPID PRODUCTION OF MONOCLONAL
8   ANTIBODIES
10 <130> FILE REFERENCE: 21099.0074U2
12 <140> CURRENT APPLICATION NUMBER: 10/079,130A
13 <141> CURRENT FILING DATE: 2002-02-20
15 <150> PRIOR APPLICATION NUMBER: 60/270,322
16 <151> PRIOR FILING DATE: 2001-02-20
18 <160> NUMBER OF SEQ ID NOS: 8
20 <170> SOFTWARE: FastSEQ for Windows Version 4.0
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 681
24 <212> TYPE: DNA
25 <213> ORGANISM: Artificial Sequence
27 <220> FEATURE:
28 <223> OTHER INFORMATION: Description of Artificial Sequence:/Note =
29   synthetic construct
31 <400> SEQUENCE: 1
32 aagcttgc aatggccagg gggcttagaa gccctcagag ccctgcctct cctcctttc      60
33 ttgtcatacg cctgtttggg tcccggatgc caggccctgc gggtagaagg gggccacca      120
34 tccttgacgg tgaacctggg cgaggaggcc cgcctcacct gtgaaaacaa tggcaggaac      180
35 cctaataatca catggtggtt cagccttcag tctaacatca catggcccc agtgcactg      240
36 ggtcctggcc agggttaccac aggccagctg ttcttccccg aagttaacaa gaaccacagg      300
37 ggcttgtact ggtgccaagt gatagaaaac aacatattaa aacgctccctg tggacttac      360
38 ctccgcgtgc gcaatccagt ccctaggccc ttccctggaca tgggggaagg taccagaac      420
39 cgcattatca cagcagaagg gatcatctt cttgttgtg cagtggctgc agggacgctg      480
40 ctgttattca gaaacgggt gcaaatggg aagtttttttggg tggacatgcc agatgactat      540
41 gaagatgaaa atctctatga gggcctgaac cttgtatgact gttctatgtt tgaggacatc      600
42 tccaggggac tccaggggcac ctaccaggat gtggcaacc tccacattgg agatgcccag      660
43 ctggaaaacg catgagaatt c                                         681
45 <210> SEQ ID NO: 2
46 <211> LENGTH: 705
47 <212> TYPE: DNA
48 <213> ORGANISM: Artificial Sequence
50 <220> FEATURE:
51 <223> OTHER INFORMATION: Description of Artificial Sequence:/Note =
52   synthetic construct
54 <400> SEQUENCE: 2
55 aagcttgc aatggccac actgggtctg tcttcatgc cctgccactg gctgttggc      60
56 ctgtgtgc tcttctcagg tgagccggta ccagcaatga caagcgtgtg cctgccactg      120
57 aatttccaag gaagcccttg ttcccagatc tggcagcacc cgggtttgc agccaaaaaag      180
58 cggagctcca tggtaagtt tcaactgtac acaaaccact caggtgcact gacctggc      240

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 PATENT APPLICATION: US/10/079,130A TIME: 07:54:45

Input Set : A:\21099.0074U2\_1.txt  
 Output Set: N:\CRF4\09132005\J079130A.raw

59	cggaaagcgag	ggagccagca	gccccaggaa	ctgggtctcag	aagagggacg	catttgtcag	300
60	acccagaatg	gctctgtcta	caccctca	atccaaaaca	tccagtacga	ggataatgg	360
61	atctacttct	gcaaggcagaa	atgtgacagc	gccaaaccata	atgtcaccga	cagctgtggc	420
62	acggaacttc	tagtcttagg	attcagcacg	ttggaccaac	tgaagcggcg	gaacacactg	480
63	aaagatggca	ttatcttgat	ccagaccctc	ctcatcatcc	tcttcatcat	tgtgcccata	540
64	ttcctgctac	ttgacaagga	tgacggcaag	gctgggatcg	aggaagatca	cacctatgag	600
65	ggcttgaaca	ttgaccagac	agccacctat	gaagacatag	tgactcttcg	gacaggggag	660
66	gtaaaagtgg	cggtaggaga	gcatccaggc	caggaatgac	tcgag		705
68	<210>	SEQ ID NO:	3				
69	<211>	LENGTH:	220				
70	<212>	TYPE:	PRT				
71	<213>	ORGANISM:	Artificial Sequence				
73	<220>	FEATURE:					
74	<223>	OTHER INFORMATION:	Description of Artificial Sequence:/Note =				
75		synthetic construct					
77	<400>	SEQUENCE:	3				
78	Met Pro Gly	Gly Leu Glu	Ala Leu Arg	Ala Leu Pro	Leu Leu Phe		
79	1	5	10	15			
80	Leu Ser Tyr	Ala Cys Leu	Gly Pro Gly	Cys Gln Ala	Leu Arg Val	Glu	
81		20	25	30			
82	Gly Gly Pro	Pro Ser Leu Thr	Val Asn Leu	Gly Glu Glu	Ala Arg Leu		
83	35	40	45				
84	Thr Cys Glu	Asn Asn Gly Arg	Asn Pro Asn Ile	Thr Trp Trp	Phe Ser		
85	50	55	60				
86	Leu Gln Ser	Asn Ile Thr Trp Pro	Pro Val Pro	Leu Gly Pro	Gly Gln		
87	65	70	75	80			
88	Gly Thr Thr	Gly Gln Leu Phe	Phe Pro Glu Val	Asn Lys Asn His	Arg		
89		85	90	95			
90	Gly Leu Tyr	Trp Cys Gln Val	Ile Glu Asn Asn	Ile Leu Lys Arg	Ser		
91		100	105	110			
92	Cys Gly Thr	Tyr Leu Arg Val	Arg Asn Pro Val	Pro Arg Pro	Phe Leu		
93		115	120	125			
94	Asp Met Gly	Glu Gly Thr Lys	Asn Arg Ile Ile	Thr Ala Glu	Gly Ile		
95		130	135	140			
96	Ile Leu Leu	Phe Cys Ala Val	Val Pro Gly	Thr Leu Leu	Leu Phe Arg		
97	145		150	155	160		
98	Lys Arg Trp	Gln Asn Glu	Lys Phe Gly Val	Asp Met Pro	Asp Asp Tyr		
99		165	170	175			
100	Glu Asp Glu	Asn Leu Tyr	Glu Gly Leu Asn	Leu Asp Asp	Cys Ser Met		
101		180	185	190			
102	Tyr Glu Asp	Ile Ser Arg	Gly Leu Gln	Gly Thr Tyr	Gln Asp Val	Gly	
103		195	200	205			
104	Asn Leu His	Ile Gly Asp	Ala Gln Leu	Glu Lys Pro			
105		210	215	220			
107	<210>	SEQ ID NO:	4				
108	<211>	LENGTH:	228				
109	<212>	TYPE:	PRT				
110	<213>	ORGANISM:	Artificial Sequence				
112	<220>	FEATURE:					

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114 <223> OTHER INFORMATION: Description of Artificial Sequence:/Note =  
 115       synthetic construct  
 117 <400> SEQUENCE: 4  
 118 Met Ala Thr Leu Val Leu Ser Ser Met Pro Cys His Trp Leu Leu Phe  
 119        1               5               10               15  
 120 Leu Leu Leu Leu Phe Ser Gly Glu Pro Val Pro Ala Met Thr Ser Ser  
 121        20              25              30  
 123 Asp Leu Pro Leu Asn Phe Gln Gly Ser Pro Cys Ser Gln Ile Trp Gln  
 124        35              40              45  
 125 His Pro Arg Phe Ala Ala Lys Lys Arg Ser Ser Met Val Lys Phe His  
 126        50              55              60  
 127 Cys Tyr Thr Asn His Ser Gly Ala Leu Thr Trp Phe Arg Lys Arg Gly  
 128        65              70              75              80  
 129 Ser Gln Gln Pro Gln Glu Leu Val Ser Glu Glu Gly Arg Ile Val Gln  
 130        85              90              95  
 131 Thr Gln Asn Gly Ser Val Tyr Thr Leu Thr Ile Gln Asn Ile Gln Tyr  
 132        100             105             110  
 133 Glu Asp Asn Gly Ile Tyr Phe Cys Lys Gln Lys Cys Asp Ser Ala Asn  
 134        115             120             125  
 135 His Asn Val Thr Asp Ser Cys Gly Thr Glu Leu Leu Val Leu Gly Phe  
 136        130             135             140  
 137 Ser Thr Leu Asp Gln Leu Lys Arg Arg Asn Thr Leu Lys Asp Gly Ile  
 138        145             150             155             160  
 139 Ile Leu Ile Gln Thr Leu Leu Ile Ile Leu Phe Ile Ile Val Pro Ile  
 140        165             170             175  
 141 Phe Leu Leu Leu Asp Lys Asp Asp Gly Lys Ala Gly Met Glu Glu Asp  
 142        180             185             190  
 143 His Thr Tyr Glu Gly Leu Asn Ile Asp Gln Thr Ala Thr Tyr Glu Asp  
 144        195             200             205  
 145 Ile Val Thr Leu Arg Thr Gly Glu Val Lys Trp Ser Val Gly Glu His  
 146        210             215             220  
 147 Pro Gly Gln Glu  
 148 225  
 150 <210> SEQ ID NO: 5  
 151 <211> LENGTH: 49  
 152 <212> TYPE: DNA  
 153 <213> ORGANISM: Artificial Sequence  
 155 <220> FEATURE:  
 156 <223> OTHER INFORMATION: Description of Artificial Sequence:/note =  
 157       synthetic construct  
 159 <400> SEQUENCE: 5  
 160 tagtgaacta gtaagcttgc caccatgcc agggggtctag aagccctca           49  
 162 <210> SEQ ID NO: 6  
 163 <211> LENGTH: 42  
 164 <212> TYPE: DNA  
 165 <213> ORGANISM: Artificial Sequence  
 167 <220> FEATURE:  
 168 <223> OTHER INFORMATION: Description of Artificial Sequence:/note =  
 169       synthetic construct

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TIME: 07:54:45

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Output Set: N:\CRF4\09132005\J079130A.raw

171 <400> SEQUENCE: 6  
172 gtctagatcg atgaattctc atggctttc cagctggca tc 42  
174 <210> SEQ ID NO: 7  
175 <211> LENGTH: 48  
176 <212> TYPE: DNA  
177 <213> ORGANISM: Artificial Sequence  
179 <220> FEATURE:  
180 <223> OTHER INFORMATION: Description of Artificial Sequence:/note =  
synthetic construct  
183 <400> SEQUENCE: 7  
184 tagtgaacta gtaagcttgc caccatggcc acactggtgc tgtcttcc 48  
186 <210> SEQ ID NO: 8  
187 <211> LENGTH: 48  
188 <212> TYPE: DNA  
189 <213> ORGANISM: Artificial Sequence  
191 <220> FEATURE:  
192 <223> OTHER INFORMATION: Description of Artificial Sequence:/note =  
synthetic construct  
195 <400> SEQUENCE: 8  
196 gtctagatcg atctcgagtc attcctggcc tggatgctct cctaccga 48

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/079,130A

DATE: 09/13/2005

TIME: 07:54:46

Input Set : A:\21099.0074U2\_1.txt

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